

# THE UNIVERSITY OF KANSAS HOSPITAL

Dwight Kasperbauer  
Vice President, Operations  
Chief Human Resources Executive

May 1, 2012

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Rollin Sachs  
Environmental Engineer, Air Quality  
Department of Public Health  
Unified Government of WyCo  
619 Ann Avenue  
Kansas City, KS 66101

Re: University of Kansas Hospital Authority (Source ID #2090277) – NSPS Initial Notifications

Dear Mr. Sachs:

Under permit C-9731 issued December 21, 2011, the University of Kansas Hospital Authority (KUHA) constructed two emergency generators. These generators are subject to 40 CFR Part 60, Subpart IIII- Standards of Performance for Stationary Compression Ignition Internal Combustion Engines and 40 CFR Part 63, Subpart ZZZZ- National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines.

The KUHA facility is classified as minor for Prevention of Significant Deterioration (PSD), minor for Title V, and as a minor source of Hazardous Air Pollutants (HAPs).

Additionally, KUHA cannot find records of the initial notification the existing generators; therefore, KUHA is resubmitting those notifications with this letter.

Please note, no notification is needed for NESHAP Subpart ZZZZZ; compliance is demonstrated through compliance with NSPS IIII per 40 CFR 63.6590(c)(1).

If you have any questions concerning these notifications, please contact Robynn Andracsek, Burns & McDonnell, at (816) 822-3596.

Sincerely,



Dwight Kasperbauer  
Vice President Operations  
Chief Human Resources Executive

cc: Robynn Andracsek, Burns & McDonnell  
EPA Region VII  
Glen Dikes  
Gayln Gorup

**Table 1. Required Initial Notification Information- Generators.**

Information		Generator #1	Generator #2	Generator #3
Name and address of the owner or operator		University of Kansas Hospital Authority 3901 Rainbow Boulevard Kansas City, KS 66160		
The address of the affected source		3901 Rainbow Boulevard Kansas City, KS 66160		
Engine information	make	Caterpillar	Caterpillar	Caterpillar
	model	3516 2000KW	3516 2000KW	3516 2000KW
	engine family	3516	3516	3516
	serial number	1HZ00551	1HZ00419	1HZ00458
	model year	2000	2000	2000
	maximum engine power (HP)	2876	2876	2876
	engine displacement (cubic inches)	4210	4210	4210
Emission control equipment		None	None	None
Fuel used		#2 low sulfur diesel	#2 low sulfur diesel	#2 low sulfur diesel
Actual Startup		March 9, 2002	March 9, 2002	March 9, 2002
Applicable Standards		NSPS IIII NESHAP ZZZZ	NSPS IIII NESHAP ZZZZ	NSPS IIII NESHAP ZZZZ
HAP Classification		Area source	Area source	Area source

**Table 1. Required Initial Notification Information- Generators. (cont.)**

<b>Information</b>		<b>Generator #4</b>	<b>Generator #5</b>	<b>Generator #6</b>
Name and address of the owner or operator		University of Kansas Hospital Authority 3901 Rainbow Boulevard Kansas City, KS 66160		
The address of the affected source		3901 Rainbow Boulevard Kansas City, KS 66160		
Engine information	make	Caterpillar	Caterpillar	Cummins Inc.
	model	3516 2000KW	3516 2000KW	Generator: 600 DQCA Engine: QSK23-G7 NR2
	engine family	3516	3516	9CEXL023.AAb
	serial number	1HZ00559	7RN01071	I100153031
	model year	2000	2000	2010
	maximum engine power (HP)	2876	2876	1220
	engine displacement (cubic inches)	4210	4210	1413
Emission control equipment		None	None	None
Fuel used		#2 low sulfur diesel	#2 low sulfur diesel	#2 low sulfur diesel
Actual Startup		March 9, 2002	First tested 2/21/12 Engine has not been used for actual generation as of yet	First tested in June 2011 Engine has not been used for actual generation as of yet
Applicable Standards		NSPS IIII NESHAP ZZZZ	NSPS IIII NESHAP ZZZZ	NSPS IIII NESHAP ZZZZ
HAP Classification		Area source	Area source	Area source

**Table 1. Required Initial Notification Information - Generators. (cont.)**

<b>Information</b>		<b>Generator #7</b>
Name and address of the owner or operator		University of Kansas Hospital Authority 3901 Rainbow Boulevard Kansas City, KS 66160
The address of the affected source		3901 Rainbow Boulevard Kansas City, KS 66160
Engine information	make	Caterpillar
	model	3516B 2000KW
	engine family	3516 B TA,V-16
	serial number	0GZS00221
	model year	2005
	maximum engine power (HP)	2876
	engine displacement (cubic inches)	4210
Emission control equipment		None
Fuel used		#2 low sulfur diesel
Actual Startup		Late 2006
Applicable Standards		NSPS IIII NESHAP ZZZZ
HAP Classification		Area source